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| 09/855,096 | 05/14/2001 | Daniel A. Ford | ARC920000148US1 | 8606 |

23334 7590 08/10/2007
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| EXAMINER |
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BHATTACHARYA, SAM

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| ART UNIT | PAPER NUMBER |
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2617

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| MAIL DATE | DELIVERY MODE |
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08/10/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

09/855,096

Applicant(s)

FORD ET AL.

Examiner

Sam Bhattacharya

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 November 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 11-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shapiro (US 5,705,980) in view of Cao et al. (US 6,529,136).

Regarding claims 11 and 16, Shapiro discloses method and system using a computer readable medium, including computing distances between a location of a first wireless communications device 12 and a respective location of each of at least one other wireless communication device 32; identifying a set of wireless communications devices that satisfy at least one distance threshold; and sending, to the first wireless communications device, the respective location and an identifier of each wireless communication device within the set. See FIG. 1, col. 4, lines 31-67, and col. 6, line 29 – col. 7, line 30.

Shapiro fails to disclose comparing each of the distances to at least one distance threshold stored within a list of preferences stored in a profile database in association with the first wireless communications device.

However, in an analogous art, Cao discloses a processor that compares distances to at least one distance threshold stored within a list of preferences stored in a profile database in association with the first wireless communications device. See col. 6, lines 28-55. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to

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modify the method in Shapiro by incorporating these teachings in Cao for the purpose of deciding whether to use an antenna beamforming technique or to broadcast signals at a maximum bandwidth.

Regarding claim 12, Shapiro fails to disclose that the location and identifier displaying on display 18 the respective location and the identifier of each wireless device within the set.

Regarding claims 13, 14 and 17, Shapiro discloses a method and system using a computer readable medium, including computing distances between a location of a first wireless communications device 12 and a respective location of each of at least one other wireless communication device 32; identifying a set of wireless communications devices that satisfy the at least one distance threshold; and sending an alert notification to at least one wireless communications device within the set that satisfies preferences within the list of preferences. See FIG. 1, col. 4, lines 31-67, and col. 6, line 29 – col. 7, line 30.

Shapiro fails to disclose comparing each of the distances to at least one distance threshold stored within a list of preferences stored in a profile database in association with the first wireless communications device.

However, in an analogous art, Cao discloses a processor that compares distances to at least one distance threshold stored within a list of preferences stored in a profile database in association with the first wireless communications device. See col. 6, lines 28-55. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method in Shapiro by incorporating these teachings in Cao for the purpose of deciding whether to use an antenna beamforming technique or to broadcast signals at a maximum bandwidth.

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Regarding claims 15 and 18, Shapiro discloses that the at least one emergency service comprises at least one from the following list of emergency services: an emergency facility, an emergency mobile unit, an emergency service person, an officer 38/40 with wireless communication device, and an individual with wireless communication device.

Regarding claim 19, Shapiro discloses that the respective location of each of at least one other wireless communications device is stored in a location database 94.

Regarding claim 20, Shapiro discloses receiving, in response to the step of sending, a selection of a selected wireless communications device from within the set; and initiating, in response to the step of receiving, communications between the first wireless communications device and the selected wireless communications device. See col. 3, lines 22-65.

Regarding claim 21, Shapiro discloses maintaining the profile database 101, wherein the profile database comprises individualized lists of preferences that are stored in association with a corresponding wireless communications device.

Regarding claim 22, Shapiro discloses that the computing step is performed in response to a request transmitted by the first wireless communications device. See col. 7, lines 5-29.

Regarding claim 23, Shapiro discloses sending, to the wireless communications device, the respective location and an identifier of each emergency service within the set. See col. 6, line 29 – col. 7, line 30.

Response to Arguments

3. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sam Bhattacharya whose telephone number is (571) 272-7917.

The examiner can normally be reached on Weekdays, 9-6, with first Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on (571) 272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

sb

A handwritten signature in black ink, appearing to be "sb" followed by a stylized name or initials.